

June 22, 2001

Mr. Kenneth Robinson
5400 W. 86th Street
P.O. Box 68274
Indianapolis, IN 46268-0123

Re: **089-14305**
First Administrative Amendment to
Part 70 Source Modification No.: 089-11824-05210

Dear Mr. Robinson:

U.S. Aggregates, Inc. was issued a permit on June 12, 2000 for a portable crushing, screening and conveying plant. A letter requesting an administrative amendment to the modification was received on April 30, 2001. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows:

The changes to the source modification are as follows (language added is bolded):

1. The cover page has a new box added :

Source Modification No.: 089-11824-05210	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: June 12, 2000
First Administrative Amendment : 089-14305-05210	Affected pages: 15 and 20
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

2. Section D.1.1 has been amended

D.1.1 Emission Offset [326 IAC 2-3]

-
- (a) In order to avoid the applicability of 326 IAC 2-3 (Emission Offset), the input of steel mill slag to the portable crushing, screening and conveying plant shall not exceed 572,549 tons per twelve (12) consecutive month period.
- (b) The total input of No. 2 diesel fuel oil to the diesel generator shall be limited to 8,620 gallons. This fuel limit is equivalent to 2.604 tons of NO_x. Compliance with this limit will assure that the NO_x emissions from the entire source shall remain less than the de minimus level.
- (c) At or before 8,620 gallons of No. 2 diesel fuel oil are combusted in the diesel generator or no later than ~~nine (9)~~ **eleven (11)** months after the date of start-up of operations (which ever occurs first), the diesel generator shall be removed from the site and the source of power shall be switched to offsite generated electricity.
- (d) Any change or modification which may increase potential to emit from processes to twenty-five (25) tons per year of VOC per year from this portable plant, shall cause this plant to be considered a major source under Emission Offset, 326 IAC 2-3, and shall require approval from IDEM, OAQ prior to making the change.
3. The Quarterly Report Form has been amended and an updated copy is attached for submitting the required quarterly report.

Part 70 Source Modification Quarterly Report

Source Name: U.S. Aggregates Inc.
Source Address: 1 North Broadway, Gary, Indiana 46402
Mailing Address: 5400 West 86th Street, Indianapolis, Indiana 46268
Source Modification No.: 089-11824-05210
Facility: Diesel powered electric generator
Parameter: Gallons of No. 2. diesel fuel oil
Limit: 8,620 gallons, equivalent to 2.604 tons of NO_x
Start-up Date of Operation:

Removal Date of Diesel Generator (not to exceed ~~nine (9)~~ **eleven (11)** months from start-up date)

4. As of January 1, 2001, the Office of Air Management (OAM) became known as the Office of Air Quality (OAQ). Also, in 2000 the Gary Division of Air Pollution Control name changed to the City of Gary Environmental Affairs Department. These changes are reflected throughout the Part 70 Source Modification Amendment.

US Aggregates, Inc.

3 of 4

Gary, Indiana

05210

Permit Reviewer: Gail McGarrity

Page

First Administrative Amendment 089-14305-

All other conditions of the permit shall remain unchanged and in effect. Please replace your current Part 70 source modification with this most recent version created as a result of this First Administrative Amendment.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gail McGarrity at (800) 451-6027, press 0 and ask for Gail McGarrity or extension (3-0242), or dial (317) 233-0242.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

gmm

cc: File -Lake County
U.S. EPA, Region V
Lake County Health Department
City of Gary Environmental Affairs Department
Northwest Regional Office
Air Compliance Section Inspector -Bob Simmons
Compliance Data Section - Karen Nowak
Permits Administrative Section
US Steel - Jim Alexander

**PART 70 SIGNIFICANT SOURCE MODIFICATION
OFFICE OF AIR MANAGEMENT
and Gary Division of Air Pollution Control**

**U.S. Aggregates Inc.
(portable)**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this approval.

This approval is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Source Modification No.: 089-11824-05210	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: June 12, 2000
First Administrative Amendment: 089-14305-0521	Affected Pages: 15 and 20
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 22, 2001

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SECTION A

SOURCE SUMMARY

This approval is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) and the Gary Division of Air Pollution Control. The information describing the emission units contained in conditions A.1 through A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this approval pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a portable crushing, screening and conveying plant.

Responsible Official:	Kenneth Robinson
Initial Portable Source Address:	1 North Broadway, Gary, Indiana 46402
Mailing Address:	5400 West 86 th Street, Indianapolis, Indiana 46268
Phone Number:	317 - 875 - 4670
SIC Code:	3295
County Location:	Lake
County Status:	Nonattainment for PM ₁₀ , Ozone and SO ₂ Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under Emission Offset Rules; Major Source, Section 112 of the Clean Air Act 1 of the 28 Major PSD Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This portable plant is approved to construct and operate the following emission units and pollution control devices:

One (1) portable crushing, screening and conveying plant, capacity: 400 tons of steel mill slag per hour, consisting of:

- (a) One (1) grizzly hopper, known as GH-1, capacity: 400 tons of steel mill slag per hour.
- (b) One (1) primary crusher, known as CR-1, capacity: 200 tons of steel mill slag per hour.
- (c) One (1) conveyor, known as CO-1, capacity: 400 tons of steel mill slag per hour.
- (d) One (1) radial stacker, known as CO-2, capacity: 175 tons of steel mill slag per hour.
- (e) One (1) radial stacker, known as CO-3, capacity: 125 tons of steel mill slag per hour.
- (f) One (1) radial stacker, known as CO-4, capacity: 50 tons of steel mill slag per hour.
- (g) One (1) conveyor, known as CO-5, capacity: 50 tons of steel mill slag per hour.
- (h) One (1) grizzly troughs, known as CO-6, capacity: 250 tons of steel mill slag per hour.
- (i) One (1) 3-deck sizing screen, known as SS-1, equipped with water spray, known as CE-1, capacity: 400 tons of steel mill slag per hour.

- (j) One (1) diesel powered electric generator, known as E-1, rated at 168 horsepower or 0.426 million British thermal units per hour, exhausted through Stack E-1.
- (k) One (1) storage tank, known as T-1, exhausted through stack T-1, capacity: 550 gallons of diesel fuel.

A.3 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONSTRUCTION CONDITIONS

B.1 Permit No Defense [IC 13]

This approval to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

B.2 Definitions [326 IAC 2-7-1]

Terms in this approval shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.

B.4 Revocation of Permits [326 IAC 2-1.1-9(5)][326 IAC 2-7-10.5(i)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.5 Significant Source Modification [326 IAC 2-7-10.5(h)]

This document shall also become the approval to operate pursuant to 326 IAC 2-7-10.5(h) when, prior to start of operation, the following requirements are met:

- (a) The attached affidavit of construction shall be submitted to the Office of Air Management (OAM), Permit Administration & Development Section, verifying that the emission units were constructed as proposed in the application. The emissions units covered in the Significant Source Modification approval may begin operating on the date the affidavit of construction is postmarked or hand delivered to IDEM if constructed as proposed.
- (b) If actual construction of the emissions units differs from the construction proposed in the application, the source may not begin operation until the source modification has been revised pursuant to 326 IAC 2-7-11 or 326 IAC 2-7-12 and an Operation Permit Validation Letter is issued.
- (c) If construction is completed in phases; i.e., the entire construction is not done continuously, a separate affidavit must be submitted for each phase of construction. Any permit conditions associated with operation start up dates such as stack testing for New Source Performance Standards (NSPS) shall be applicable to each individual phase.
- (d) The Permittee shall receive an Operation Permit Validation Letter from the Chief of the Permit Administration & Development Section and attach it to this document.

However, in the event that the Title V application is being processed at the same time as this application, the following additional procedures shall be followed for obtaining the right to operate:

- (1) If the Title V draft permit has not gone on public notice, then the change/addition covered by the Significant Source Modification will be included in the Title V draft.
- (2) If the Title V permit has gone thru final EPA proposal and would be issued ahead of the Significant Source Modification, the Significant Source Modification will go thru

a concurrent 45 day EPA review. Then the Significant Source Modification will be incorporated into the final Title V permit at the time of issuance.

- (3) If the Title V permit has not gone thru final EPA review and would be issued after the Significant Source Modification is issued, then the Modification would be added to the proposed Title V permit, and the Title V permit will issued after EPA review.

SECTION C

GENERAL OPERATION CONDITIONS

C.1 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this approval or required by an applicable requirement, any application form, report, or compliance certification submitted under this approval shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

C.2 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this approval, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days but no more than ninety (90) days after issuance of this approval, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Gary Division of Air Pollution Control
Suite 1012
504 Broadway
Gary, Indiana 46402

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that failure to implement the Preventive Maintenance Plan does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM, and Gary Division of Air Pollution Control upon request and shall be subject to review and approval by IDEM, OAM, and Gary Division of Air Pollution Control. IDEM, OAM, and Gary Division of Air Pollution Control may require the Permittee to revise its Preventive Maintenance Plan whenever lack of proper maintenance

causes or contributes to any violation.

C.3 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this approval.

(b) Any application requesting an amendment or modification of this approval shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Gary Division of Air Pollution Control
Suite 1012
504 Broadway
Gary, Indiana 46402

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

C.4 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary alternative opacity limitations), visible emissions shall meet the following, unless otherwise stated in this approval:

(a) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.

C.5 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided in this approval, all air pollution control equipment listed in this approval and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.6 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted by using good engineering practices (GEP) pursuant to 326 IAC 1-7-3.

C.7 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.8 Fugitive Dust Emissions [326 IAC 6-1-11.1]

The Permittee shall be in violation of 326 IAC 6-1-11.1 (Lake County Fugitive Particulate Matter Control Requirements), if the opacity of fugitive particulate emissions including from paved and unpaved roads, material transfer, wind erosion from storage piles and material transportation activities, exceeds ten percent (10%). Compliance with this opacity limit shall be achieved by controlling fugitive particulate matter emissions according to the plan submitted on January 28, 2000. This plan consists of applying water on an as-needed basis to unpaved roads and storage piles.

C.9 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), except when located in Lake County, fugitive particulate matter emissions shall be controlled according to the plan submitted on January 28, 2000. This plan consists of applying water on an as-needed basis to unpaved roads and storage piles.

Testing Requirements [326 IAC 2-7-6(1)]

C.10 Performance Testing [326 IAC 3-6][326 IAC 2-1.1-11]

- (a) Compliance testing on new emission units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this approval, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this approval, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Gary Division of Air Pollution Control
Suite 1012
504 Broadway
Gary, Indiana 46402

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM and Gary Division of Air Pollution Control within forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAM, and Gary Division of Air Pollution Control, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
 - (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this approval;
 - (3) The Compliance Monitoring Requirements in Section D of this approval;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this approval; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this approval. CRP's shall be submitted to IDEM, OAM and Gary Division of Air Pollution Control upon request and shall be subject to review and approval by IDEM, OAM, and Gary Division of Air Pollution Control. The CRP shall be prepared within ninety (90) days after issuance of this approval by the Permittee and maintained on site, and is comprised of:
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this approval; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this approval, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the approval unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:

- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the approval conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the approval, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

**C.13 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this approval exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate approval conditions may be grounds for immediate revocation of the approval to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.14 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this approval shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this approval is not operating, the Permittee shall either record the fact that the equipment is shut down or perform

the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this approval.

- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM and Gary Division of Air Pollution Control may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.15 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM, and Gary Division of Air Pollution Control representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or Gary Division of Air Pollution Control makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or Gary Division of Air Pollution Control within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this approval;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to

any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this approval, and whether a deviation from an approval condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of approval issuance.

C.16 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) The reports required by conditions in Section D of this approval shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Gary Division of Air Pollution Control
Suite 1012
504 Broadway
Gary, Indiana 46402

- (b) Unless otherwise specified in this approval, any notice, report, or other submission required by this approval shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, and Gary Division of Air Pollution Control on or before the date it is due.
- (c) Unless otherwise specified in this approval, any semi-annual report shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) The first report shall cover the period commencing on the date of issuance of this approval and ending on the last day of the reporting period.

Portable Source Requirement

C.17 Relocation of Portable Sources [326 IAC 2-14-4]

- (a) This permit is approved for operation in all areas of Indiana. This determination is based on the requirements of Prevention of Significant Deterioration in 326 IAC 2-2 and 40 CFR 52.21, and Emission Offset requirements in 326 IAC 2-3. A thirty (30) day advance notice of relocation must be given to IDEM, OAM, and a "Relocation Site Approval" letter must be obtained before relocating.
- (b) The Permittee shall also notify the applicable local air pollution control agency when relocating to, or from, one the following:
- (1) Madison County - (Anderson Office of Air Management)

- (2) City of Evansville plus four (4) miles beyond the corporate limits but not outside Vanderburgh County - (Evansville EPA)
- (3) City of Gary - (Gary Division of Air Pollution)
- (4) City of Hammond - (Hammond Department of Environmental Management)
- (5) Marion County - (Indianapolis Air Pollution Control Agency)
- (6) St. Joseph County - (St. Joseph County Health Department)
- (7) Vigo County - (Vigo County Air Pollution Department)
- (c) A valid operation permit consists of this document and any subsequent "Relocation Site Approval" letter specifying the current location of the portable plant.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

One (1) portable crushing, screening and conveying plant, capacity: 400 tons of steel mill slag per hour, consisting of:

- (a) One (1) grizzly hopper, known as GH-1, capacity: 400 tons of steel mill slag per hour.
- (b) One (1) primary crusher, known as CR-1, capacity: 200 tons of steel mill slag per hour.
- (c) One (1) conveyor, known as CO-1, capacity: 400 tons of steel mill slag per hour.
- (d) One (1) radial stacker, known as CO-2, capacity: 175 tons of steel mill slag per hour.
- (e) One (1) radial stacker, known as CO-3, capacity: 125 tons of steel mill slag per hour.
- (f) One (1) radial stacker, known as CO-4, capacity: 50 tons of steel mill slag per hour.
- (g) One (1) conveyor, known as CO-5, capacity: 50 tons of steel mill slag per hour.
- (h) One (1) grizzly troughs, known as CO-6, capacity: 250 tons of steel mill slag per hour.
- (i) One (1) 3-deck sizing screen, known as SS-1, equipped with water spray, known as CE-1, capacity: 400 tons of steel mill slag per hour.
- (j) One (1) diesel powered electric generator, known as E-1, rated at 168 horsepower or 0.426 million British thermal units per hour, exhausted through Stack E-1.
- (k) One (1) storage tank, known as T-1, exhausted through stack T-1, capacity: 550 gallons of diesel fuel.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 Emission Offset [326 IAC 2-3]

- (a) In order to avoid the applicability of 326 IAC 2-3 (Emission Offset), the input of steel mill slag to the portable crushing, screening and conveying plant shall not exceed 572,549 tons per twelve (12) consecutive month period.
- (b) The total input of No. 2 diesel fuel oil to the diesel generator shall be limited to 8,620 gallons. This fuel limit is equivalent to 2.604 tons of NO_x. Compliance with this limit will assure that the NO_x emissions from the entire source shall remain less than the de minimus level.
- (c) At or before 8,620 gallons of No. 2 diesel fuel oil are combusted in the diesel generator or no later than eleven (11) months after the date of start-up of operations (which ever occurs first), the diesel generator shall be removed from the site and the source of power shall be switched to offsite generated electricity.
- (d) Any change or modification which may increase potential to emit from processes to twenty-five (25) tons per year of VOC per year from this portable plant, shall cause this plant to be considered a major source under Emission Offset, 326 IAC 2-3, and shall require approval from

IDEM, OAM prior to making the change.

D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the crushing, for the screening and for the conveying operations.

Compliance Determination Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.3 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-1.1-11]

The Permittee is not required to test these facilities by this permit. However, IDEM may require compliance testing when necessary to determine if these facilities are in compliance. If testing is required by IDEM, compliance with the opacity limits pursuant to 326 IAC 5-1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.4 Visible Emissions Notations

- (a) Visible emission notations of the crushing, the screening and conveying operations shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.5 Record Keeping Requirements

- (a) To document compliance with Condition D.1.4, the Permittee shall maintain records of daily visible emission notations for the crushing, the screening and conveying operations.
- (b) To document compliance with Condition D.1.1(a), the Permittee shall maintain records at the plant of the steel mill slag input.
- (c) To document compliance with Conditions D.1.1(b) and (c), the Permittee shall maintain records in accordance with (1) through (3) below.
 - (1) Start-up date of operations,
 - (2) Actual No. 2 diesel fuel oil usage and equivalent NO_x emissions, and
 - (3) Removal date of the diesel generator.

- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.6 Reporting Requirements

Quarterly summary to document compliance with operation condition numbers D.1.1(a) and D.1.1(b) shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter or six (6) month period being reported. These reports shall include the monthly input of steel slag, the amount of No. 2 diesel fuel oil used each month, the start-up date of operations and the removal date of the diesel generator. All records and reports shall use calendar months.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
Gary Division of Air Pollution Control**

**PART 70 SOURCE MODIFICATION
CERTIFICATION**

Source Name: U.S. Aggregates Inc.
Source Address: 1 North Broadway, Gary, Indiana 46402
Mailing Address: 5400 West 86th Street, Indianapolis, Indiana 46268
Source Modification No.: 089-11824-05210

**This certification shall be included when submitting monitoring, testing reports/results
or other documents as required by this approval.**

Please check what document is being certified:

- 9 Test Result (specify) _____
- 9 Report (specify) _____
- 9 Notification (specify) _____
- 9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
Gary Division of Air Pollution Control**

Part 70 Source Modification Quarterly Report

Source Name: U.S. Aggregates Inc.
Source Address: 1 North Broadway, Gary, Indiana 46402
Mailing Address: 5400 West 86th Street, Indianapolis, Indiana 46268
Source Modification No.: 089-11824-05210
Facility: Crushing, screening, conveying and transporting steel mill slag
Parameter: Input of Steel Mill Slag
Limit: 572,549 tons per twelve (12) consecutive month period

YEAR: _____

Month	Tons of Slag	Tons of Slag	Tons of Slag
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
Gary Division of Air Pollution Control**

Part 70 Source Modification Quarterly Report

Source Name: U.S. Aggregates Inc.
Source Address: 1 North Broadway, Gary, Indiana 46402
Mailing Address: 5400 West 86th Street, Indianapolis, Indiana 46268
Source Modification No.: 089-11824-05210
Facility: Diesel powered electric generator
Parameter: Gallons of No. 2. diesel fuel oil
Limit: 8,620 gallons, equivalent to 2.604 tons of NO_x
Start-up Date of Operation: _____

Removal Date of Diesel Generator (not to exceed eleven (11) months from start-up date)_____

YEAR: _____

Month	Gallons of No. 2 Diesel Fuel Oil This Month	Gallons of No. 2 Diesel Fuel Oil Total From Start-up Date

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

U.S. Aggregates Inc.
Permit Reviewer:MLK/MES

First Administrative Amendment : 089-14305
Permit Reviewer: Gail McGarrity

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Source Modification No. 089-11824-05210

Phone:
